

## EAST Search History

| Ref # | Hits  | Search Query             | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|-------|--------------------------|---|------------------|---------|------------------|
| S1    | 327   | 198/400.ccls.            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2007/06/18 08:34 |
| S2    | 323   | 198/411.ccls.            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2007/06/14 09:25 |
| S3    | 389   | 198/412.ccls.            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2007/06/14 09:25 |
| S4    | 102   | 198/397.06.ccls.         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2007/06/14 09:25 |
| S5    | 1100  | S1 S2 S3 S4              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2007/06/14 10:40 |
| S6    | 39105 | S5 roller near4 axial\$4 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/06/14 09:25 |
| S7    | 1100  | S5 and S6                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/06/14 09:25 |
| S8    | 38023 | roller near4 axial\$4    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/06/14 09:26 |
| S9    | 18    | S8 and S5                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/06/14 09:31 |

## EAST Search History

|     |       |                                   |   |    |    |                  |
|-----|-------|-----------------------------------|---|----|----|------------------|
| S10 | 330   | 198/782.ccls.                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/06/14 09:31 |
| S11 | 37    | S8 and S10                        | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/06/14 09:34 |
| S12 | 66592 | "198"/\$.ccls.                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/06/14 09:34 |
| S13 | 29019 | rotat\$5 near2 load               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/06/14 09:34 |
| S14 | 280   | S12 and S13                       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/06/14 09:35 |
| S15 | 30    | S8 and S14                        | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/06/14 09:35 |
| S16 | 2820  | S8 near2 (mov\$3 or actuate\$)    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/06/14 09:36 |
| S17 | 66    | S16 and S12                       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/06/14 09:40 |
| S18 | 3     | S17 and S13                       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/06/14 09:36 |
| S19 | 1069  | mov\$3 near2 axially near2 roller | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/06/14 09:41 |

## EAST Search History

|     |         |   |   |    |    |                  |
|-----|---------|---|---|----|----|------------------|
| S20 | 119551  | glass adj (sheet or plate)                                      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/06/14 09:43 |
| S21 | 8       | S19 and S20   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/06/14 09:41 |
| S22 | 32      | S12 and S19   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/06/14 10:05 |
| S23 | 5931032 | cargo or load or sheet or container<br>or box or pallet or item | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/06/14 10:05 |
| S24 | 47524   | S23 near rotat\$5   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/06/14 10:06 |
| S25 | 20      | S19 and S24   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/06/14 10:09 |
| S26 | 18103   | roller adj conveyor   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/06/14 10:37 |
| S27 | 398     | S24 and S26   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/06/14 10:11 |
| S28 | 77      | S24 same S26  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/06/14 10:10 |
| S29 | 40      | S24 with S26  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/06/14 10:10 |

## EAST Search History

|     |         |                             |   |    |     |                  |
|-----|---------|-----------------------------|---|----|-----|------------------|
| S30 | 69      | S27 and axially             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/06/14 10:32 |
| S31 | 3981    | roller near2 independent\$4 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/06/14 10:33 |
| S32 | 6317573 | S23 or article              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/06/14 10:34 |
| S33 | 11      | "I32" near2 rotat\$5        | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/06/14 10:36 |
| S34 | 104710  | S32 near2 rotat\$5          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/06/14 10:37 |
| S35 | 344     | S31 and S34                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/06/14 10:37 |
| S36 | 86      | S6 and S35                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/06/14 10:38 |
| S37 | 1080    | S5                          | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT                | OR | OFF | 2007/06/14 12:43 |
| S38 | 21      | "3129803"                   | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT                | OR | OFF | 2007/06/14 12:46 |
| S39 | 41      | "3580379" "3129803"         | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT                | OR | OFF | 2007/06/14 12:47 |

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|     |    |                       |   |    |     |                  |
|-----|----|-----------------------|---|----|-----|------------------|
| S40 | 21 | S39 and roller        | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT                | OR | ON  | 2007/06/14 12:47 |
| S41 | 3  | "6397634" and axial   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/06/18 08:35 |
| S42 | 4  | "6397634" and control | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/06/18 09:22 |
| S43 | 6  | "5226942"             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/06/18 12:30 |
| S44 | 1  | S43 and plate         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/06/18 09:29 |
| S45 | 14 | "367670"              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/06/18 09:31 |
| S46 | 24 | "389316"              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/06/18 09:32 |
| S47 | 7  | "389317"              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/06/18 09:40 |
| S48 | 14 | "3701643" and axially | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/06/18 09:40 |
| S49 | 39 | "3701643"             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/06/18 09:48 |

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|     |        |                       |   |    |     |                  |
|-----|--------|-----------------------|---|----|-----|------------------|
| S50 | 183069 | roller near4 mov\$5   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/06/18 09:49 |
| S51 | 4      | S49 and S50           | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/06/18 09:53 |
| S52 | 4164   | pin near roller       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/06/18 09:53 |
| S53 | 0      | S52 and S49           | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/06/18 09:55 |
| S54 | 4      | "4979974"             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/06/18 09:58 |
| S55 | 3      | "65"/\$.ccls. and S52 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/06/18 09:59 |
| S56 | 3      | S55 and roller        | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/06/18 10:07 |
| S57 | 1      | 10/600,658            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/06/18 12:11 |
| S58 | 0      | S57 and individual\$5 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/06/18 10:08 |
| S59 | 0      | S57 and individ\$5    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/06/18 10:13 |

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|     |    |                          |   |    |     |                  |
|-----|----|--------------------------|---|----|-----|------------------|
| S60 | 1  | S57 and independ\$5      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/06/18 10:13 |
| S61 | 1  | S57 and independently    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/06/18 10:14 |
| S62 | 7  | "6,397,634"              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/06/18 10:43 |
| S63 | 1  | S57 and conjunction      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/06/18 10:43 |
| S64 | 1  | 10/600,658 and find\$4   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/06/18 12:20 |
| S65 | 1  | 10/600,658 and axial     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/06/18 12:54 |
| S66 | 1  | "5226942" and transverse | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/06/18 12:54 |
| S67 | 0  | "5226942" and another    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/06/18 13:13 |
| S68 | 0  | 10/600,658 and another   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/06/18 12:54 |
| S69 | 13 | another                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/06/18 12:54 |

## EAST Search History

|     |         |   |   |    |     |                  |
|-----|---------|---|---|----|-----|------------------|
| S70 | 1       | 10/600,658 and lying                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/06/18 13:09 |
| S71 | 1       | 10/600,658 and vertical                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/06/18 13:19 |
| S72 | 3       | "5226942" and ( up down<br>vertical\$4) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/06/18 13:13 |
| S73 | 1       | 10/600,658 and perform\$4               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/06/18 14:44 |
| S74 | 21      | "2242219"                               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/06/18 14:45 |
| S75 | 6       | "2604992"                               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/06/18 14:56 |
| S76 | 18      | "2549465"                               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/06/18 14:58 |
| S77 | 2       | S76 and pivot\$4                        | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/06/18 14:59 |
| S78 | 1147248 | "4540426" pivot\$4                      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/06/18 15:00 |
| S79 | 12      | "4540426" and pivot\$4                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/06/18 15:10 |

## EAST Search History

|     |   |           |   |    |     |                  |
|-----|---|-----------|---|----|-----|------------------|
| S80 | 6 | "5226942" | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/06/18 15:10 |
|-----|---|-----------|---|----|-----|------------------|